

## RAW SEQUENCE LISTING

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Application Serial Number: US/10/826,572

Source: FFWO

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/826,572

DATE: 11/18/2004

TIME: 09:28:46

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3 <110> APPLICANT: APARICIO, SAMUEL
4   CARLTON, MARK
5   MITCHELL, PHILIP
7 <120> TITLE OF INVENTION: RECEPTOR
9 <130> FILE REFERENCE: 674580-2008
11 <140> CURRENT APPLICATION NUMBER: 10/826,572
12 <141> CURRENT FILING DATE: 2004-04-16
14 <150> PRIOR APPLICATION NUMBER: PCT/GB02/04725
15 <151> PRIOR FILING DATE: 2002-10-21
17 <150> PRIOR APPLICATION NUMBER: US 60/346,083
18 <151> PRIOR FILING DATE: 2001-10-24
20 <150> PRIOR APPLICATION NUMBER: GB 0125183.4
21 <151> PRIOR FILING DATE: 2001-10-19
23 <160> NUMBER OF SEQ ID NOS: 40
25 <170> SOFTWARE: PatentIn Ver. 3.2
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 1197
29 <212> TYPE: DNA
30 <213> ORGANISM: Homo sapiens
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35 accgcgaaca ttttttggtc actgagatcg agtctcccag tgctttggct tcccgcctct 180
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39 ttcacgcgtc tgtaccggtc gcgaccgctc gtctacacc cagagctgcc gggacgcgcc 420
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55 <210> SEQ ID NO: 2
56 <211> LENGTH: 774
57 <212> TYPE: DNA

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58 &lt;213&gt; ORGANISM: Homo sapiens

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63 ccgggacgcg ccaagctggc cctcgtgctc accggcgtgc tcattctcgc cctggcgctc 180
64 ttgggcaatg ctctgggtgt ctacgtgggtg acccgagca aggccatgcg caccgtcacc 240
65 aacatcttta tctgctcctt ggcgctcagt gacctgctca tcaccttctt ctgcattccc 300
66 gtcaccatgc tccagaacat ttccgacaac tggctggggg gtgctttcat ttgcaagatg 360
67 gtgccatttg tccagtctac cgctgttggtg acagaaatcc tcactatgac ctgcattgct 420
68 gtggaaaggc accagggact tgtgcatact tttaaaatga agtggcaata caccaaccga 480
69 agggctttca caatgctagg tgtggctctgg ctgggtggcag tcactgtagg atcacccatg 540
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72 atcctcttcc tcttgctctt tatggaagaa gaaacgagct gtcattatga tggtagacagt 720
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76 &lt;210&gt; SEQ ID NO: 3

77 &lt;211&gt; LENGTH: 258

78 &lt;212&gt; TYPE: PRT

79 &lt;213&gt; ORGANISM: Homo sapiens

81 &lt;400&gt; SEQUENCE: 3

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85 Asp His Asn Leu Thr Arg Glu Gln Phe Ile Ala Leu Tyr Arg Leu Arg
86           20           25           30
88 Pro Leu Val Tyr Thr Pro Glu Leu Pro Gly Arg Ala Lys Leu Ala Leu
89           35           40           45
91 Val Leu Thr Gly Val Leu Ile Phe Ala Leu Ala Leu Phe Gly Asn Ala
92           50           55           60
94 Leu Val Phe Tyr Val Val Thr Arg Ser Lys Ala Met Arg Thr Val Thr
95  65           70           75           80
97 Asn Ile Phe Ile Cys Ser Leu Ala Leu Ser Asp Leu Leu Ile Thr Phe
98           85           90           95
100 Phe Cys Ile Pro Val Thr Met Leu Gln Asn Ile Ser Asp Asn Trp Leu
101           100          105          110
103 Gly Gly Ala Phe Ile Cys Lys Met Val Pro Phe Val Gln Ser Thr Ala
104           115          120          125
106 Val Val Thr Glu Ile Leu Thr Met Thr Cys Ile Ala Val Glu Arg His
107           130          135          140
109 Gln Gly Leu Val His Pro Phe Lys Met Lys Trp Gln Tyr Thr Asn Arg
110 145           150          155          160
112 Arg Ala Phe Thr Met Leu Gly Val Val Trp Leu Val Ala Val Ile Val
113           165          170          175
115 Gly Ser Pro Met Trp His Val Gln Gln Leu Glu Ile Lys Tyr Asp Phe
116           180          185          190
118 Leu Tyr Glu Lys Glu His Ile Cys Cys Leu Glu Glu Trp Thr Ser Pro
119           195          200          205
121 Val His Gln Lys Ile Tyr Thr Thr Phe Ile Leu Val Ile Leu Phe Leu
122           210          215          220
124 Leu Pro Leu Met Glu Glu Glu Thr Ser Cys His Tyr Asp Gly Asp Ser

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130 Asp Asp
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136 <212> TYPE: DNA
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142 cccgcgcgcg ctaaactggc ctttgcgctg gctggagcac tcatttttgc cctggcgctc 180
143 ttggcaact ctctggtcat ctatgtggtg acccgagca aggccatgcg caccgtcacc 240
144 aacatcttca tctgctctct ggcactcagt gatctgctca ttgccttctt ctgcatcccc 300
145 gtcacgatgc tccagaacat ctccgacaag tggctgggtg gtgccttcat ctgcaagatg 360
146 gtgcccttcg tccagtcac tgctgttggt acggaaatcc tcaccatgac ttgcatcgct 420
147 gttgagaggc accaaggact catccatcct tttaaaatga agtggcagta cactacccca 480
148 agggctttca caatcttggg tgtggtctgg ttggcagcca tcacgtagg atcaccatg 540
149 tggcacgtac aacgcctcga gattaagtat gacttcctct atgagaaaga acatgtctgc 600
150 tgtttggaag agtgggcccag ccccatgcac cagagaatct acaccacctt catcctcgtc 660
151 atcctcttcc tctgcccgt tgtggaagaa gaagcgggct gtcgttatga tggtgacagt 720
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156 <211> LENGTH: 258
157 <212> TYPE: PRT
158 <213> ORGANISM: Mus musculus
160 <400> SEQUENCE: 5
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164 Ala His Asn Leu Thr Arg Glu Gln Phe Ile His Arg Tyr Gly Leu Arg
165          20          25          30
167 Pro Leu Val Tyr Thr Pro Glu Leu Pro Ala Arg Ala Lys Leu Ala Phe
168          35          40          45
170 Ala Leu Ala Gly Ala Leu Ile Phe Ala Leu Ala Leu Phe Gly Asn Ser
171          50          55          60
173 Leu Val Ile Tyr Val Val Thr Arg Ser Lys Ala Met Arg Thr Val Thr
174 65          70          75          80
176 Asn Ile Phe Ile Cys Ser Leu Ala Leu Ser Asp Leu Leu Ile Ala Phe
177          85          90          95
179 Phe Cys Ile Pro Val Thr Met Leu Gln Asn Ile Ser Asp Lys Trp Leu
180          100          105          110
182 Gly Gly Ala Phe Ile Cys Lys Met Val Pro Phe Val Gln Ser Thr Ala
183          115          120          125
185 Val Val Thr Glu Ile Leu Thr Met Thr Cys Ile Ala Val Glu Arg His
186          130          135          140
188 Gln Gly Leu Ile His Pro Phe Lys Met Lys Trp Gln Tyr Thr Thr Arg
189 145          150          155          160
191 Arg Ala Phe Thr Ile Leu Gly Val Val Trp Leu Ala Ala Ile Ile Val
192          165          170          175

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197 Leu Tyr Glu Lys Glu His Val Cys Cys Leu Glu Glu Trp Ala Ser Pro
198             195             200             205
200 Met His Gln Arg Ile Tyr Thr Phe Ile Leu Val Ile Leu Phe Leu
201             210             215             220
203 Leu Pro Leu Val Glu Glu Ala Gly Cys Arg Tyr Asp Gly Asp Ser
204 225             230             235             240
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221 cgcacaacct gactcgggaa cagttcattc atcgctatgg gctgcgaccg ctggtctaca 180
222 ctccggagct gcccgcgcgc gctaaactgg cctttgcgct ggctggagca ctcatTTTTg 240
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226 tctgcaagat ggtgcccttc gtccagtcca ctgctgttgt gacggaaatc ctaccatga 480
227 cttgcatcgc tgttgagagg caccaaggac tcatccatcc ttttaaaatg aagtggcagt 540
228 aactaccctg aagggtcttc acaatcttgg gtgtggtctg gttggcagcc atcatcgtag 600
229 gatcacccat gtggcacgta caacgcctcg agattaagta tgacttcctc tatgagaaag 660
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237 <211> LENGTH: 1791
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274 &lt;210&gt; SEQ ID NO: 8

275 &lt;211&gt; LENGTH: 1293

276 &lt;212&gt; TYPE: DNA

277 &lt;213&gt; ORGANISM: Homo sapiens

279 &lt;400&gt; SEQUENCE: 8

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309 &lt;400&gt; SEQUENCE: 9

VERIFICATION SUMMARY

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